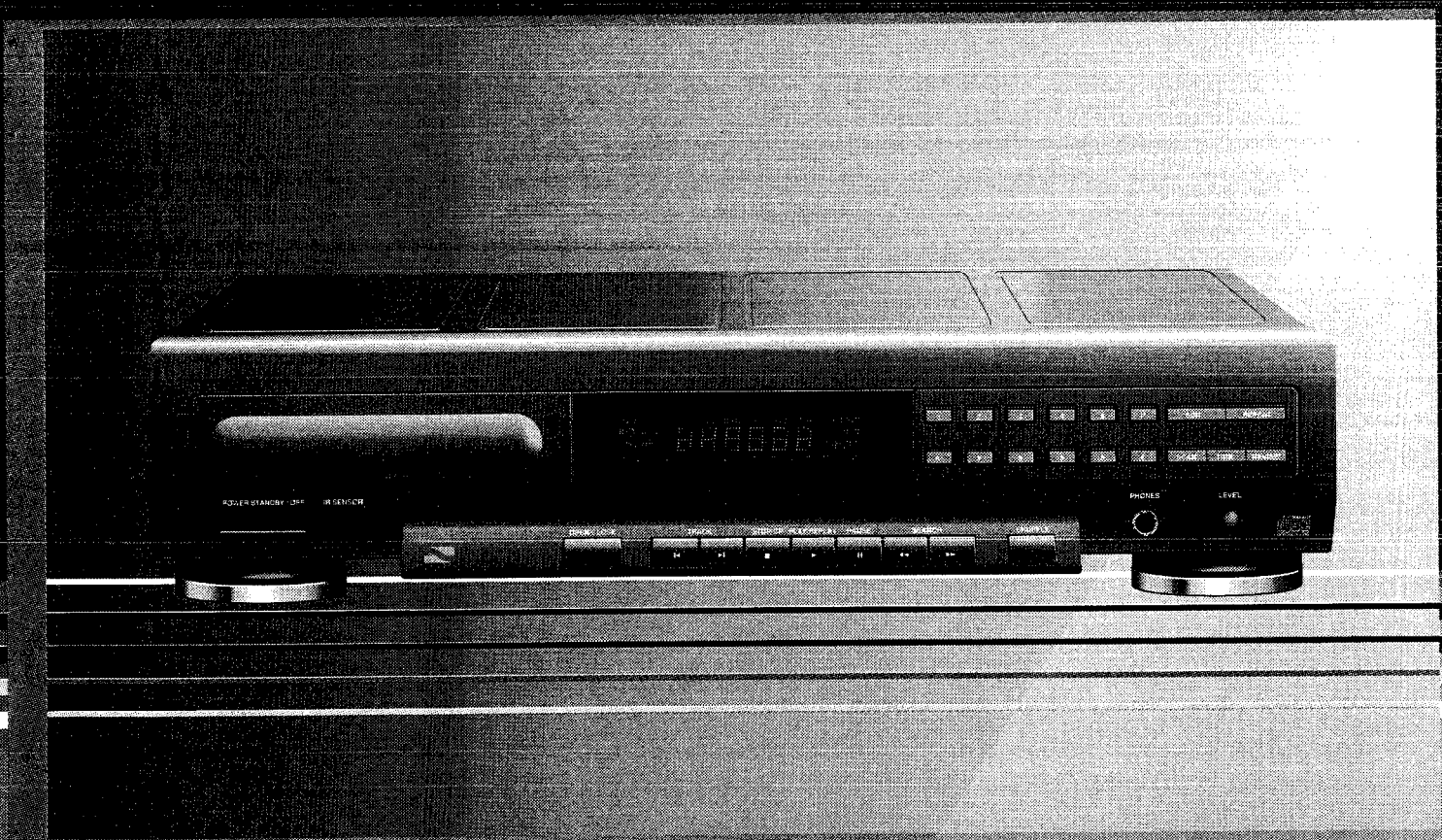
PHILIPS



CD 910/920

GB Compact Disc Player 4
F Lecteur de CD 1
D Compact Disc-Spieler 2
NL Compact Disc-speler 2
E Reproductor 'Compact Disc' 3
I Lettore di Compact Disc 4
DK Compact Disc-Afspiller 5
S Compact Disc-Spelare 5
SF Compact Disc-soitin 6

PHILIPS

PHILIPS

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(SF) Suomi.....sivu 66

(MEX) México ..... NOM

PRECAUCION - ADVERTENCIA
NO ABRIR, RIESGO DE CHOQUE ELECTRICO
ATENCION
VERIFIQUE QUE EL VOLTAJE DE ALIMENTACION
SEA EL REQUERIDO PARA SU APARATO
PARA EVITAR EL RIESGO DE CHOQUE ELECTRICO, NO QUITE LA TAPA;
EN CASO DE REQUERIR SERVICIO, DIRIJASE AL PERSONAL AUTORIZADO DE PHILIPS.

NOM

Es necesario que lea cuidadosamente su instructivo de manejo.
Garantía .....página 74

(N) Norge

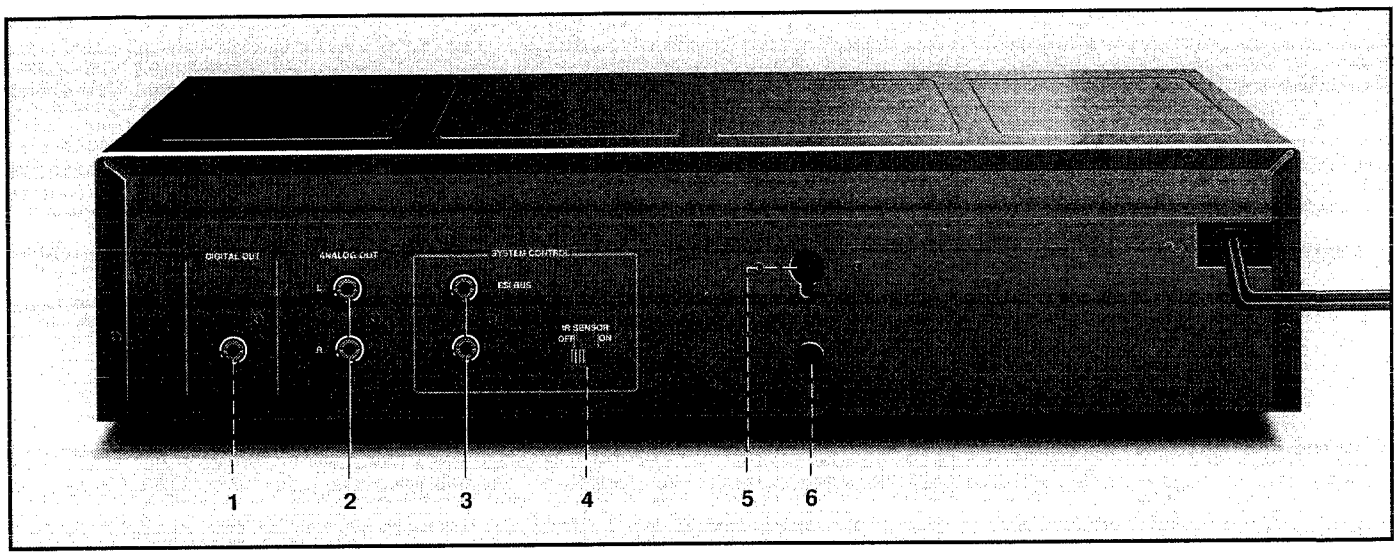
Typeskilt finnes bak på apparaten.

(AUS) Australia

Guarantee and service .....page 74

(NZ) New Zealand

Guarantee and service .....page 74



UNPACKING

With this player are supplied:
- a connection cable;
- a remote control ***(CD 920 only)***;
- batteries for the remote control ***(CD 920 only)***.

- Remove all packaging materials from the player and the accessories.

POWER SUPPLY SETTING

- Check that the type plate on the rear of your player indicates the correct supply voltage.
- If your mains supply voltage is different, consult your dealer or our Service Organisation.

Certain versions of this player are equipped with a voltage selector (5) which enables you to set the player to the correct mains voltage yourself. When changing the voltage setting, it is also necessary to change the mains fuse (6) to one of the correct rating:
T200 mA (slow blow fuse) for 110/127 V;
T100 mA (slow blow fuse) for 220 V - 230 V/ 230 V - 240 V.

FITTING A MAINS PLUG *(U.K. only)*

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:
- Remove fuse cover and fuse.
- Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
- Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place. If the mains plug contains a fuse, this should have a value of **5A**. If a plug without a fuse is used, the fuse at the distribution board should not be greater than **5A**.

NOTE
The severed plug must be disposed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

HOW TO CONNECT A PLUG

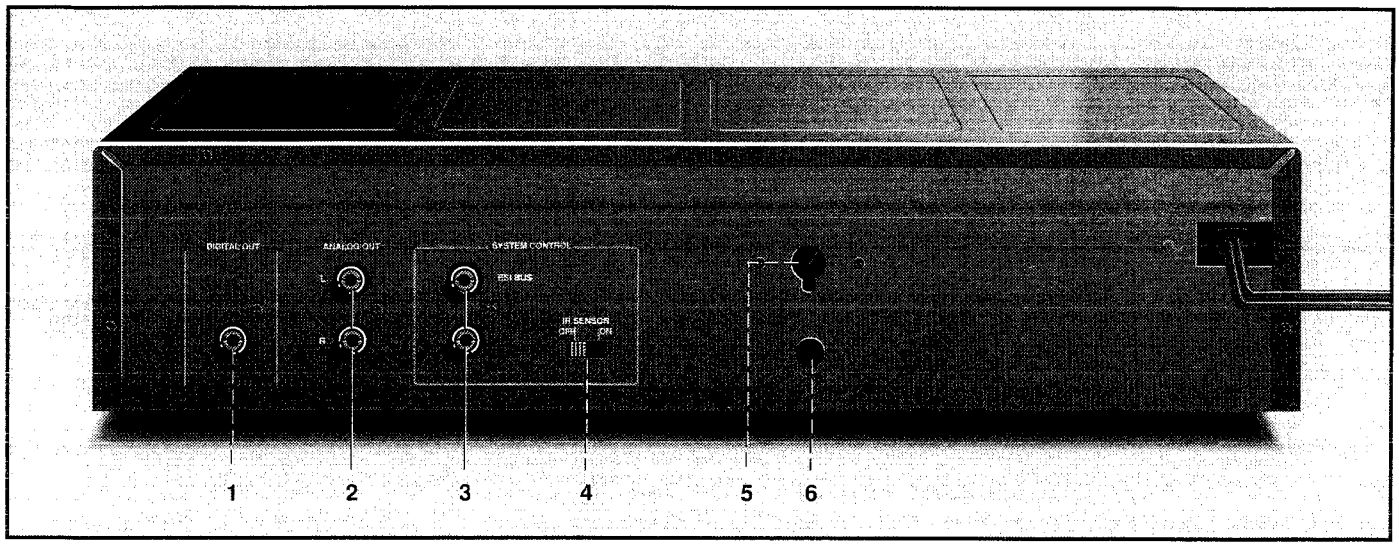
The wires in the mains lead are coloured in accordance with the following code:
BLUE – 'NEUTRAL' ('N')/BROWN – 'LIVE' ('L')

- The BLUE wire must be connected to the terminal which is marked with the letter 'N' or coloured BLACK.
- The BROWN wire must be connected to the terminal which is marked with the letter 'L' or coloured RED.
- Do *not* connect either wires to the earth terminal in the plug which is marked by the letter 'E' or by the safety earth symbol or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead – not simply over the two wires.

(GB) INSTALLATION

English



CONNECTIONS

1 DIGITAL OUT ***(CD 920 only)***
This output supplies a digital signal and can therefore only be connected to an input which is suitable for this signal.
Use here a lead with one cinch plug on either end.
Never connect this socket to a non-digital input of an amplifier, such as AUX, CD, TAPE, PHONO, etc!

2 ANALOG OUT
For the connecting cable to the amplifier.
- Insert a red plug into the 'R' socket and the other plug into the 'L' socket.
- Insert the two other plugs into the corresponding sockets of the CD or AUX input of your amplifier.
You can also use the TUNER or TAPE IN-connection, but ***never*** the PHONO input!

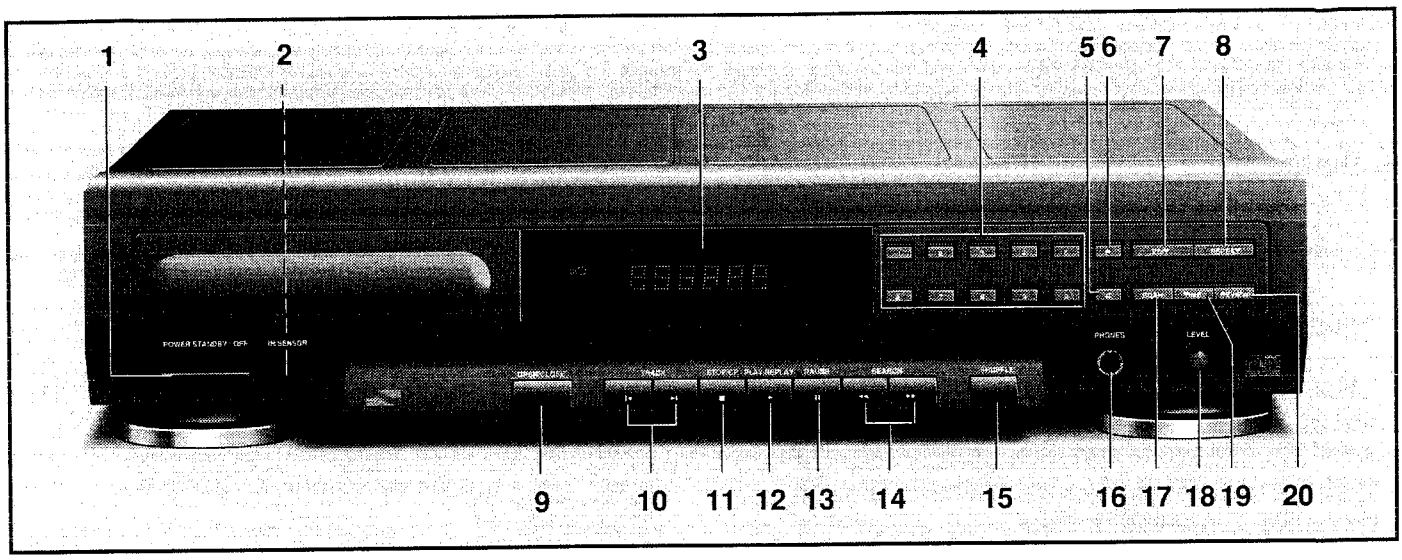
3 ESI BUS (Enhanced System Intelligence)
For connecting up the equipment when you are incorporating the player in a HiFi system with ESI BUS connection (e.g. the PHILIPS 910 – 950 series).

4 IR SENSOR OFF ON ***(CD 920 only)***
Switching the I(nfra) R(ed) SENSOR on and off.

IMPORTANT!
When the player is incorporated in a HiFi-system ***with*** ESI BUS connection, this switch should ***always*** be in the **OFF** position.
The player can then be operated with the remote control of the system.
When the player is ***not*** incorporated in a HiFi system with ESI BUS connection, the switch should be in the **ON** position.
The player can then be operated with the remote control supplied ***(CD 920 only)***.
When switching the IR SENSOR on and off, the CD player should always be ***switched off***.

5 Voltage selector ***(not all versions)***
See 'Power supply setting'.

6 Mains fuse holder ***(not all versions)***
See 'Power supply setting'.



FRONT OF PLAYER

1 POWER STANDBY/OFF – Switching on and off.

2 I(nfra) **R**(ed) **SENSOR** ***(CD 920 only)*** – Receives the signals from the remote control.

3 Display – Informs you about the functioning of the player.

4 1-0 digit keys
- Selecting another track during play.
- Selecting a track to start play with.
- Selecting tracks when compiling a programme.
- Entering the recording time when making a tape recording.

5 C(ancel) – Erasing track numbers from a programme.

6 P(rogramme) – Opening and closing the memory when compiling a programme.

7 EDIT
- Entering the recording time when making a tape recording.
- Entering the playing time in the TIMER EDIT mode.

8 REPEAT – Repeating play.

9 OPEN/CLOSE – Opening and closing the CD compartment. The compartment also closes when the front is pressed briefly.

10 ⏮ TRACK ⏭
- Selecting another track during play.
- Selecting a track to start play with.
- Selecting the recording time when making a tape recording.

11 STOP/CP
- Stopping play.
- Erasing a programme (CP = Clear Programme).

12 PLAY/REPLAY
- Starting play.
- Returning to the beginning of a track.

13 PAUSE – Interrupting play.

14 ◀◀ SEARCH ▶▶ – Fast search to a particular passage during play.

15 SHUFFLE – Playing in random order.

16 PHONES – Connecting headphones.

17 SCAN – Automatically playing the beginning of each track.

18 LEVEL – Adjusting the volume when listening with headphones.

19 TIME – Selecting the time information you want to see.

20 REVIEW – Checking a programme.

English

REMOTE CONTROL *(CD 920 only)*

- The buttons on the remote control have the same functions as the corresponding ones on the player.
- PREV(ious) = ⏮ TRACK and NEXT = TRACK ⏭.
- The life of the batteries of the remote control is around one year. For replacement only use batteries of the type RO3, UM4 or AAA.

IMPORTANT!
When the player is incorporated in a HiFi system with ESI BUS connection, the IR SENSOR OFF ON switch (4) on the back of the player should ***always*** be in the **OFF** position.
When the player is ***not*** incorporated in a HiFi system with ESI BUS connection, the switch should be in the **ON** position.
When switching the IR SENSOR on and off, the CD player should always be ***switched off***.

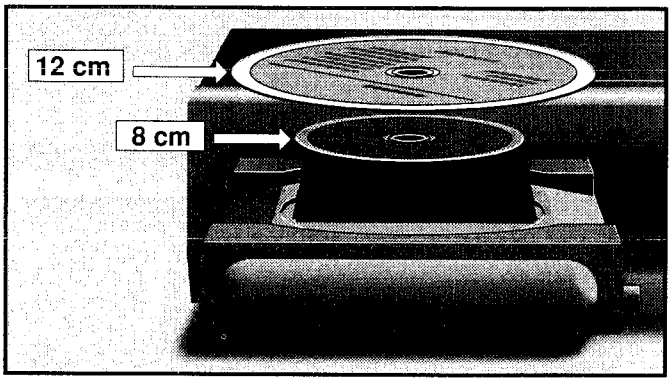
DISPLAY

REPEAT – Lights up when you repeat a CD or a programme.
REPEAT 1 – Lights up when you repeat a track.
(((***(CD 920 only)*** – Lights up when the player receives a command from the remote control (IR SENSOR ON).
SHUFFLE – Lights up when the tracks are played in random order.
PROGRAM
– Flashes when a programme is being compiled.
– Lights up when a programme is being played.
TRACK – Indicates:
– what track is being played;
– the number of tracks on the CD or in a programme.
TRACK TIME – Indicates the elapsed playing time of the track being played.
REM(aining) **TRACK TIME** – Indicates the remaining playing time of the track being played.
TOTAL REM(aining) **TIME** – Indicates the remaining playing time of the CD or a programme.
TOTAL TIME – Indicates:
– the elapsed playing time of the CD or a programme;
– the total playing time of the CD or a programme.
PAUSE – Lights up when play is interrupted.
AUTOSPACE – Lights up when an extra pause is inserted between the various tracks in the EDIT and CD DUBBING mode.
TIMER EDIT – Lights up when the player is put into the TIMER EDIT mode.
1-15 track number indicator – Shows the number of tracks on the CD.
+15 – Lights up when there are more than 15 tracks on the CD.

Edit – Lights up when the player is put into the EDIT mode.
Err – Lights up if you make a mistake when operating the player.
– – – – – – – Lights up when the CD's contents list is being scanned.
no diSC – Lights up when you try to start play while there is no CD in the compartment.

PLAYBACK (PLAY/REPLAY)

- Press POWER STANDBY/OFF to switch the player on.
- Open the CD compartment by pressing OPEN/CLOSE.
– *OPEN* lights up.
- Insert a CD, ***printed side up***, and close the compartment.



– – – – – – – lights up; the number of tracks and the playing time of the CD are shown on the display.
- Press PLAY/REPLAY to start play.
You can also press PLAY/REPLAY immediately after inserting the CD; the compartment then closes automatically.
– The number indicator shows how many tracks are on the CD; when a track has been played its number disappears.
– The track being played is always shown under TRACK and its elapsed playing time is shown under TRACK TIME.
– Play will stop after the last track.
- Press POWER STANDBY/OFF to switch the player off.

You can interrupt playback by pressing PAUSE; PAUSE then lights up. Press PLAY/REPLAY to restart; if you *first* press PAUSE again and *then* PLAY/REPLAY, the current track starts again from the beginning.
If you press PLAY/REPLAY *during play*, the current track starts again from the beginning.
You can stop playback by pressing STOP/CP or OPEN/CLOSE.

SELECTING ANOTHER TRACK DURING PLAY (1-0)

- Key in the desired number (numbers consisting of two figures must be keyed in ***within 2 seconds***).
- The music stops and a moment later the selected track begins to play.

You can also select the number by using TRACK ▶| or |◀ TRACK.

SEARCHING FOR A PASSAGE DURING PLAY (◀◀ SEARCH ▶▶)

- Hold ◀◀ down to search backwards to the beginning.
- Hold ▶▶ down to search forwards to the end.

The searching speed is determined by how long a key is pressed:
- the first 2 seconds fairly slowly, with sound;
- then at the maximum speed, with no sound.

If you reach the end of the last track and release ▶▶, play will resume a few seconds before the end of the CD.

STARTING WITH A PARTICULAR TRACK (1-0)

- Key in the desired number (numbers consisting of two figures must be keyed in ***within 2 seconds***).
- Play starts from the selected track.

You can also select the number by using TRACK ▶| or |◀ TRACK and then pressing PLAY/REPLAY.

SCANNING A CD (SCAN)

- Press SCAN before or during play.
- If the CD compartment was open, it will now close.
- *Scan* lights up for 2 seconds and the first 10 seconds of each track are played in turn.
- 10 seconds are counted down each time under REM TRACK TIME.
- When the player reaches a track which you wish to hear in full, press SCAN again or PLAY/REPLAY.

PLAYING THE CD IN RANDOM ORDER (SHUFFLE)

- Press SHUFFLE before or during play.
- If the CD compartment was open, it will now close.
- SHUFFLE lights up and all the tracks are now played in a random order.
- Press SHUFFLE again if you wish to return to normal play.

If you press |◀ TRACK, you will return to a track which has already been played.
If you press TRACK ▶|, you will select any one of the following tracks.
If you press REPEAT, *twice* the tracks will be repeated in a different order each time, although the first track played will always be the same.

REPEATING A TRACK (REPEAT)

- Press REPEAT before or during playback.
- REPEAT 1 lights up; the track will now be repeated continuously.
- Press REPEAT *twice* to stop the track being repeated.

REPEATING THE CD (REPEAT)

- Press REPEAT *twice* before or during playback.
- REPEAT lights up; the CD will now be repeated continuously.
- Press REPEAT again to stop the CD being repeated.

CALLING UP OTHER TIME INFORMATION (TIME)

- Press TIME whenever you want to know the remaining playing time of the track being played (REM TRACK TIME).
- Press TIME again if you wish to know the remaining playing time of the entire CD (TOTAL REM TIME).
- Press TIME again if you wish to know the elapsed playing time of the entire CD (TOTAL TIME).
- Press TIME again if you wish to return to the elapsed playing time indication of the current track (TRACK TIME).

English

STORING A PROGRAMME (PROGRAMME and 1-0)

You can store 30 tracks from each CD in any required sequence in a programme.

- In STOP mode, press P(rogramme) to open the memory.
- – *ProG* lights up and PROGRAM starts flashing.
- Key in the required numbers; every number you key in will be directly included in the programme.
- – Each time you key in (= store) a track number, the number of tracks and the playing time of your programme will be shown under TRACK and TOTAL TIME.
- – The track number indicator always shows which numbers have been stored.
- Press P(rogramme), STOP/CP or PLAY/REPLAY to quit the PROGRAMME mode.

FULL lights up if you exceed the maximum of 30 tracks.

CHECKING THE PROGRAMME (REVIEW)

- Press REVIEW prior to, during or after programmed play.
- – All the numbers appear in the programmed sequence under TRACK.
- – Under TRACK TIME you will see the playing time of each track.

Err lights up if no track numbers have yet been stored.

PLAYING THE PROGRAMME (PLAY/REPLAY)

- Press PLAY/REPLAY.
- – Playback starts with the first number of the programme.

All keys (except, P(rogramme), C(ancel) and EDIT) can be used during programmed play.
Search for a particular passage is only possible within the track being played.

ERASING A PROGRAMME (STOP/CP or OPEN/CLOSE)

- Press STOP/CP twice or, if the CD has already stopped, just once; you can also press OPEN/CLOSE straight away.
- – The programme has now been erased.

ERASING A TRACK FROM THE PROGRAMME (CANCEL)

- Press REVIEW before or after programmed play (STOP mode).
- – All the numbers appear in the programmed sequence under TRACK.
- Press C(ancel) as soon as the number you wish to erase, appears.
- – The number disappears from the number indicator; it has now been erased.
- – The display shows the remaining programme time for a few seconds.

EDIT

The EDIT function has a recording mode (EDIT) and a play mode (TIMER EDIT).
In the EDIT mode you can store the recording time of the tape in the player memory.
In the TIMER EDIT mode you can store a required playing time.

EDIT – The player will make optimal use of the available recording time by e.g. recording a track for side B on side A if there is still some recording time left.

TIMER EDIT – At the end of the entered playing time play will stop. If necessary, the CD or the programme will be partly repeated to fill the entered time

NOTE!

The EDIT function ***cannot*** be used for CDs containing more than 29 tracks.

Playback in the TIMER EDIT mode:

- Press EDIT *twice* (in STOP mode).
- TIMER EDIT lights up.
- With ⏮ TRACK ⏭ you can now select the required playing time: C30, C46, C60, C90, C 100 or C 120.
  Other playing times can be selected using the 1-0 digit keys.
- The track number indicator indicates the tracks (of the CD or the programme) which will be played during the entered time.
- Press PLAY/REPLAY.
  You can also start play by pressing SHUFFLE; the tracks will then be played in a random order.
- At the end of the entered playing time play will stop. If necessary, the CD or the programme will be partly repeated to fill the entered time.

NOTE!

- As soon as you press PLAY/REPLAY or SHUFFLE the other player functions (except TIME and REVIEW) will temporarily be switched off; *Err* lights up if you press one of the other buttons during play.
- You can stop playback by pressing STOP/CP or OPEN/CLOSE.
- The TIMER EDIT function will be cancelled if the CD player (or the system) is set to STAND BY mode.

Recording in the EDIT mode:

- Press EDIT (in STOP mode).
- *Edit* lights up.
- Select the required recording time with ⏮ TRACK ⏭ or the 1-0 digit keys: C30, C46, C60, C90, C 100 or C 120.
- The track number indicator shows which tracks fit onto side A of the tape.
- You can now record the entire CD or a programme from it.
- Press PLAY/REPLAY.
- The numbers for side A of the tape will be played one after the other.
- After each track an extra pause of 4 seconds (AUTO SPACE) will be inserted.
- AUTOSPACE lights up for 4 seconds.
- After the last track play will stop.
- The track number indicator now indicates the tracks for side B.
- Turn the tape over.
- Press PLAY/REPLAY.
- The remaining tracks will now be played.

NOTE!

- As soon as you press PLAY/REPLAY the other player functions (except TIME and REVIEW) will temporarily be switched off to prevent the recording being interfered with; *Err* lights up if you press one of the other buttons during play/recording.
- You can stop playback/recording by pressing STOP/CP or OPEN/CLOSE.
- Should the CD or the programme be longer than the *total* recording time of the tape play will stop after the last track that fits onto side B of the tape.
- The EDIT function will be cancelled if the CD player (or the system) is set to STAND BY mode.

LISTENING WITH HEADPHONES (PHONES)

- Connect headphones with a 6.3 mm jackplug to the PHONES socket.
- The sound level is adjusted with the LEVEL control.

(GB) SYSTEM ASPECTS

English

ENHANCED SYSTEM INTELLIGENCE (ESI)

If the player is connected via the ESI BUS sockets to the ESI BUS sockets of a HiFi system (e.g. the PHILIPS 910 – 950 series), the player can be operated via the remote control of the system. In addition, the functions mentioned below are then accessible (if available in the system):

NOTE!

When using any of the following functions the IR SENSOR of the player ***(CD 920 only)*** should be switched ***off*** (switch 4 on the back of the player). When switching the IR SENSOR on and off, the CD player always has to be ***switched off***.

CD DUBBING (synchronized recording)

- Set the player to the STOP or EDIT mode.
- Press CD SYNC. (CD DUBBING) on the cassette deck.
  - Playback starts but nothing is being recorded yet; you can now adjust the recording level.
- Press PLAY on the deck.
  - Recording starts and after 6 seconds play starts again at the beginning of the CD or the programme.
  - After each track an extra pause time of 4 seconds (AUTO SPACE) will be inserted.
  - AUTOSPACE lights up for 4 seconds.
  - At the end of side A of the tape, synchronized recording will stop. *(Except when EDIT is active; the CD player will then go into PAUSE mode after the last track that fits on side A of the tape. A blank section will be recorded until the end of side A.)*
  - When the ⇄ mode has been selected on the cassette deck, the CD player will go into PAUSE mode at the end of side A of the tape. The tape travel direction for side B will be selected automatically and the current track will be recorded *again* on side B of the tape. *(Except when EDIT is active; the CD player will then go into PAUSE mode after the last track that fits on side A of the tape. A blank section will be recorded until the end of side A and synchronized recording will continue on side B of the tape.)*
  - After the last track synchronized recording will stop.

NOTE!

- As soon as you start recording, the other player functions (except TIME and REVIEW) will temporarily be switched off to prevent the recording being interfered with; *Err* lights up if you press one of the other buttons during play/recording.
- You can stop playback/recording by pressing STOP/CP or OPEN/CLOSE.
- The CD DUBBING function will be cancelled if the CD player (or the system) is set to STAND BY mode.

AUTOMATIC SOURCE SELECTION

If the AUTO SELECT button on the amplifier is pressed, the CD player will automatically be selected as the source, as the soon as you press PLAY/REPLAY, SCAN or SHUFFLE.

AUTOMATIC STOP

If the AUTO SELECT button on the amplifier is pressed, the CD player will automatically go into the PAUSE mode as soon as another source in the system is selected (except when EDIT or CD DUBBING is active).

STAND BY

- With the STAND BY button on the remote control of the system you can set the player to STAND BY mode.
  The player will go to STAND BY mode automatically if the whole system is set to STAND BY mode.
  - If the CD compartment was open, it will now close.
  - Any programme present, will be erased.
- Press any of the following buttons to cancel the STAND BY mode:
  PLAY/REPLAY, STOP/CP, SCAN, SHUFFLE, 1-0, EDIT, OPEN/CLOSE, I◄ TRACK ►I, or P(rogramme).

TIMER

Using the TIMER function you can have playback (of a CD or a programme) started at a particular time; for this refer to the operating instructions of the tuner (e.g. FT930).

MAINTENANCE

The CDs

- Never write on the printed side of a CD.
- Do not attach any stickers to the CD.
- Keep the shiny surface of the disc clean. Use a soft lint-free cloth and always wipe the disc in a straight line from centre to edge.
- Never use cleaning agents for conventional records.
- Detergents or abrasive cleaning agents should not be used either.

The player

- A chamois leather slightly moistened with water is sufficient for cleaning the player.
- Do not use cleaning agents containing alcohol, spirits, ammonia or abrasives.

FAULTS AND THEIR LIKELY CAUSES

If a fault occurs, run through the points listed below before taking your player for repair.
Check whether:

- condensation has formed on the lens of the laser due to a dramatic change in temperature; this will disappear automatically after some time;
- the CD has been inserted correctly with the printed side up and that there is a CD in the compartment;
- the CD is dirty, badly scratched or warped;
- the player has been connected to the PHONO socket of the amplifier.

If the fault remains, try to clear it by switching the player off and on again.
If this also fails to help, consult your dealer.

Under no circumstances should you repair the player yourself as this will invalidate the guarantee!

TECHNICAL DATA

Typical Audio Performance

Frequency range: .....2 Hz - 20 kHz
Amplitude linearity: .....0.1 dB (20 Hz - 20 kHz)
Phase linearity: .....0.5° (20 Hz - 20 kHz)
Dynamic range: .....86 dB
Signal-to-noise ratio: .....95 dB (A-weighted)
Channel separation: .....94 dB
Total harmonic distortion: 0.016%
D/A conversion: .....Bitstream conversion (256 x oversampling, 1 bit), in differential mode
Audio output level: .....2 Vrms
Impedance PHONES socket: .....8 - 1000 ohms

Power supply

Mains voltage and frequency:
see the type plate on the rear of the player
Power consumption: .....10 W approx.
Safety requirements: .....IEC 65

Cabinet

Material/finish:
metal and polystyrene with decorative trim
Dimensions (w x h x d): ...435 x 106 x 300 mm
Weight: .....4 kg approx.

Subject to modification

This Compact Disc player complies with radio interference requirements as laid down in EC regulations.